

SYSTEM FOR REDUCED POWER CONSUMPTION BY MONITORING VIDEO CONTENT AND METHOD THEREOF

ABSTRACT OF THE DISCLOSURE

5 A system and method are provided for reducing power consumption within a video
processing portion of a system based on display content. Display content is monitored to determine
whether the display content is changing. New display content is compared to old display content to
determine if the display content is changing. If the display content has not changed, a frame rate
used to output display data is reduced. A color depth associated with the display data is also
reduced. Power consumption can be reduced when it is determined that display content is not
10 changing.